

WE CLAIM:

1. A continuous blood glucose monitor ("CBGM ") comprising
 - a. a display for displaying graphics and characters;
 - 5 b. a processor that is interfaced with a display; the processor being configured to display data on the display, the data being displayed in a graphical form showing, as a single image, past and present blood glucose values and trend data, the processor further being configured to calculate future blood glucose values and to display the future values
 - 10 simultaneously with the past and present data in the same image.
2. The CBGM of claim 1 wherein the processor is further configured to display a visual indication as to whether the blood glucose level is predicted to be an acceptable level at a predetermined time in the future, the indication comprising displaying the image in a first color for good and a second color for bad
- 15 3. A graphical display of a continuously monitored bodily parameter for displaying a single image comprised of a graphical representation of:

past monitored data, present data,

future data, and

trend data indicating whether a patient's condition is acceptable now and likely to be acceptable in the near future, or is unacceptable presently, but is likely to become acceptable within a discrete, preselected period of time.

- 20 4. A graphical display for a medical monitor for displaying information about a monitored bodily parameter, the display comprising:
 - a. a means for showing the present value of the parameter,
 - 25 b. a means for showing information about the monitoring device,
 - c. a means for showing whether the monitored parameter has been relatively constant for a predetermined past period, whether the parameter value is increasing or decreasing, and the relative rate at which the parameter is changing, and

wherein the means a-c are displayed in a graphical form in a single viewing of the display.

5. A display for continuous blood glucose monitor, the display comprising:

a. a graphical representation of blood glucose data, the data comprising:

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1. past blood glucose levels,
 2. present blood glucose level,
 3. future predicated blood glucose levels,
 4. rate of change of blood glucose level,

b. a visual indicator that indicates whether:

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1. the blood glucose level is at or approaching an acceptable level, or
 2. a visually observable indicator that indicates whether the blood glucose level is unacceptable or approaching an unacceptable level.

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6. The display of claim 5, wherein the visually observable indicator comprises one color for indicating an acceptable condition and another color for indicating an unacceptable condition.